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(62) Document number(s) of the earlier application(s) in  
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(54) **Oxide having perovskite structure, barium titanate, and manufacturing method therefor,  
dielectric ceramic, and ceramic electronic component**

(57) An oxide having a perovskite structure is provided, wherein the amount of OH groups in a crystal lattice of said oxide is less than 0,2% by weight and said oxide is a powder having a particle diameter of 0,03 to 0,2  $\mu\text{m}$ . Preferably the observed value x of the ratio of the a axis to the c axis in the crystal lattice of said oxide

and the theoretical value k of the c/a axial ratio of said oxide satisfy a special condition. Said oxide may be barium titanate. Preferably the c/a axial ratio thereof is 1,0033 or more.

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EUROPEAN SEARCH REPORT

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EP 02 01 7222

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
MUNICH		4 June 2003	Munro, B
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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